



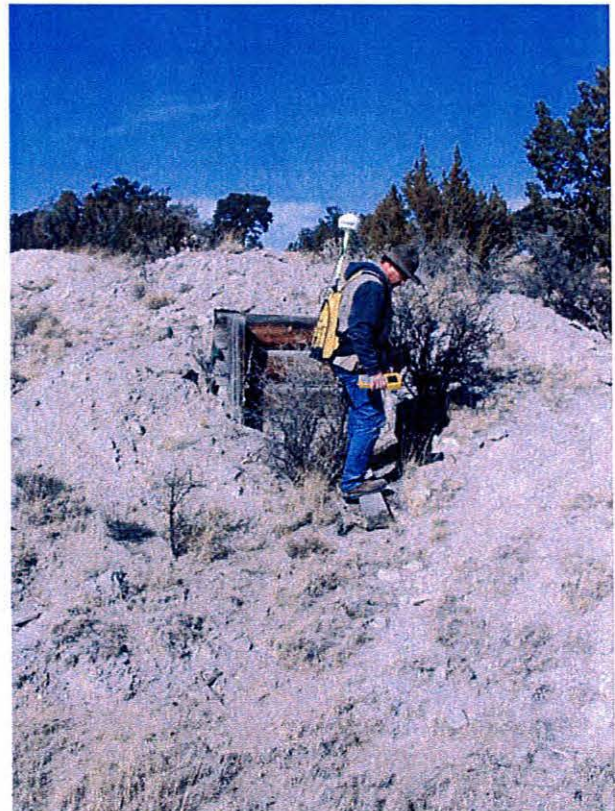
Dog Mine

- 1. Location/Land Status:** The Dog Mine is located on BLM land within Section 20, T13N, R9W on the USGS Dos Lomas quadrangle, some 12 miles north of Milan, NM. Physical access to the mine can be gained by traveling north from Milan, NM on NM 605 eleven miles to Haystack Road, continuing north 0.8 miles on NM 605. West of the highway there is a stock tank and gate. Park at the gate and proceed on foot to the mine. Legal access to this property was graciously provided by Mr. Robert Schmitt of 57 NM 509, Grants, NM, 87020; phone: (505) 287-2260.
- 2. Human Activity:** No obvious human activity besides historical mining was noted. No residences were noted within a one-mile radius of the site.
- 3. Radiological Survey:** Radiological survey results were as follows: ground surface maximum of 1,800 $\mu\text{R}/\text{hour}$ and minimum of 22 $\mu\text{R}/\text{hour}$. Four-foot elevation maximum was 1,000 $\mu\text{R}/\text{hour}$ and minimum was 20 $\mu\text{R}/\text{hour}$. Background radiation levels are approximately 17 $\mu\text{R}/\text{hour}$.
- 4. Mine Disturbance:** The mine consists of a 30 degree closed decline and wooden head frame striking SSW into underground workings. The site is strewn with numerous small rock piles (approximately 20) with an estimated total volume of 150 cubic-yards. On the northern extent of the site there are two large piles with an estimated total volume of 8,000 cubic-yards. The site is covered with various wastes: tools, derelict automobiles, and timbers.
- 5. Plant Community:** The surrounding area is typical pinon/juniper forest with grasses. Vegetation on site includes: 20% trees, 20% forbs, 20% grass, and 40% bare earth.
- 6. Soils:** Site soils are Celavar-Atarque complex, with 1 to 8 percent slopes, with 0-2 inches loam, 2-24 inches sandy clay loam, lithic bedrock at 20-40 inches.
- 7. Wildlife:** The site contains scattered rodent dens, canid tracks, and deer scat.
- 8. Land Use:** Land use is currently limited grazing.
- 9. Off-Site Impacts:** No off-site impacts were noted.
- 10. Topographic Features:** The site is low rolling hills, with no notable erosional features.
- 11. Hydrogeology:** Based on a review of the NMOSE iWaters database, there are two well records within a radius of one mile of the site. Neither of these wells have depth to water data on file. The nearest well with depth to water data on file is approximately 1.5 miles to the southwest of the site, with depth to water recorded as 280 ft.

The nearest surface water drainage feature is approximately 0.3 miles to the southwest of the site.



View west, headframe and decline



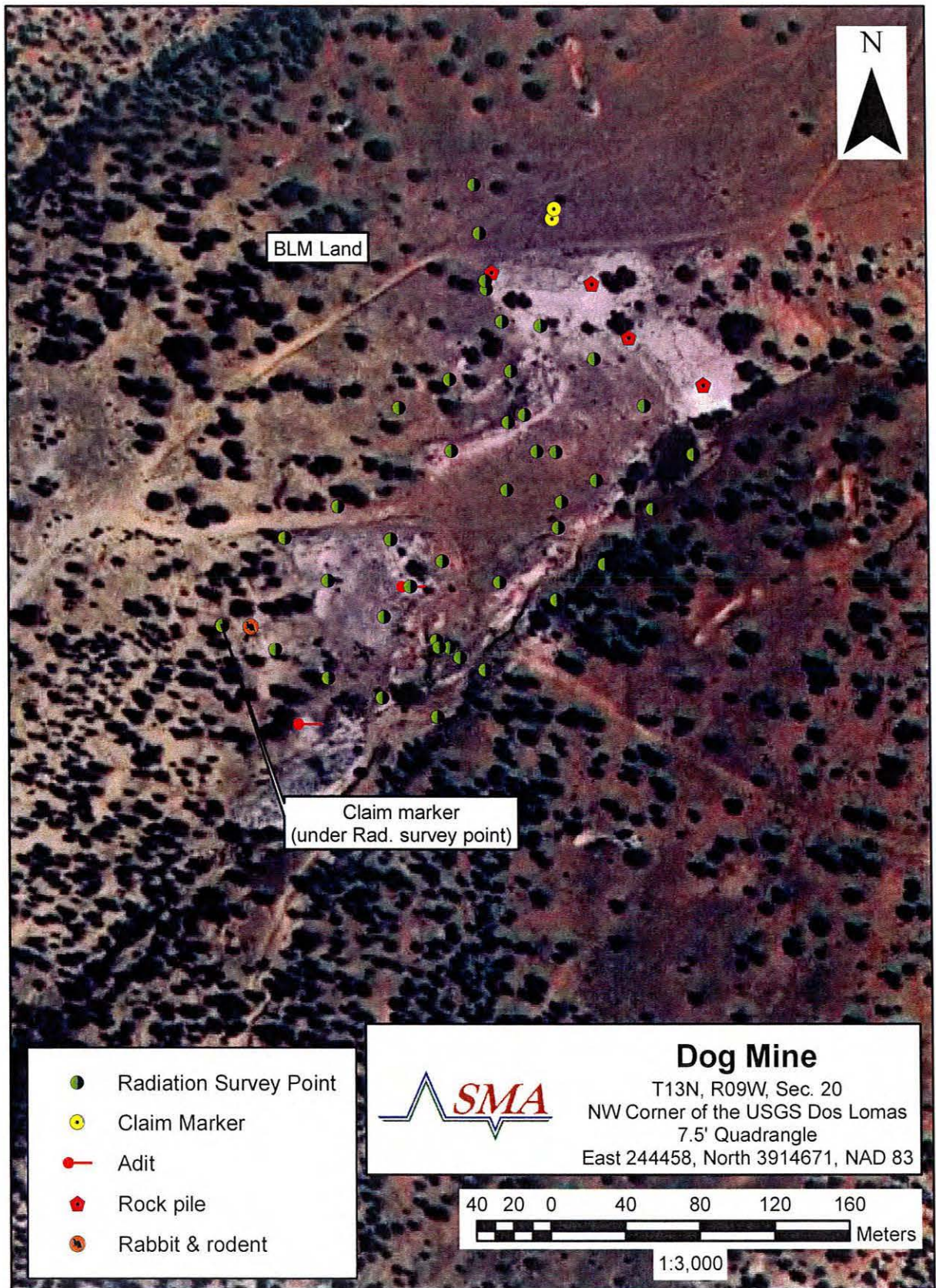
View west at adit



View south at adit



Headframe and decline



AUM Field Survey Data Sheet

Site

Alpine Top1 Dog

Date <u>01/24/03</u>	Time On-Site <u>1000 hrs</u>	Time Off-Site <u>1340 hrs</u>	By <u>Brian ALERTZ / B. J. BALDWIN</u>
Weather Conditions: <u>Clear, Sunny, approx 30°F, Slight Breeze</u>			

Disturbances	GPS#	Description	Dim/Area/Volume	Photo #'s
Shafts	<u>01</u>	<u>Vertical shaft ~60'</u> <u>fenced w/wood collar</u>	<u>12' x 12'</u>	
Adits <u>1</u> <u>1</u> <u>1</u>	<u>16</u> <u>37</u> <u>39</u>			
Pits <u>N/A</u>				
Waste Rock Dumps/ <u>STOCKPILE</u>	<u>12</u> <u>42-45</u>			
Tailings <u>N/A</u>				
Trenches <u>N/A</u>				
Roads <u>overgrown</u> <u>non-existent</u>				
Erosional Features <u>NONE EXTRAORDINARY</u>				
Structures / Equipment	GPS#	Description	Dimensions	Photo #
Buildings <u>N/A</u>				
Headframes <u>1</u>	<u>35</u>	<u>WOODEN</u>		
<u>Claim Marker</u>	<u>22</u>	<u>Possible claim marker</u>		

AUM Field Survey Data Sheet

Site Mesa Top / D14

Equipment				
Soils	GPS#	Description	Extent	Photo #
290 - Rock outcrop - Westmin Sky Village		SEE USDA-NRCS ATTACHMENT		
305 - CELAVAR - ATARQUE Complex				
Vegetation	GPS#	Description	Extent	Photo #
— SEE ATTACHMENT				
Wildlife	GPS#	Description		Photo #
Scattered rodent dens Canid tracks (?) old Scattered deer pellets				
Human Activity (non-mining, w/in 0.5 mi of site)	GPS#	Description	Extent	Photo #
None known				
Land Use (grazing, agricultural, roads, etc., w/in 0.5 mi of site)	GPS#	Description	Extent	Photo #
Limited grazing		on & off site		
Nearby Residences / Wells (w/in 0.5 mi of site)	GPS#	Description	Distance to Site	Photo #
None known				
Topographic Features (roads, water courses, etc.)	GPS#	Description		Photo #

Typical low, rolling hills.

AUM Field Survey Data Sheet

Site Mesa Top

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AUM Field Survey Data Sheet

Site _____

Radiological Survey

GPS#	Description	Reading Surface	Reading 4 feet
02	Rad. survey E to W	50	70
03	"	120	90
04	"	80	70
05	"	90	80
06	"	150	120
07	"	120	100
08	"	80	70
09	"	20	19
10	Vertical iron cylinders 1.5' dia. x 9' h	500	—
11	Stock pile Rad S to N	110	90
12	Stock pile & framework	—	—
13	Rad. survey S to N	80	70

AUM Field Survey Data Sheet

Site Mesa Top / Dog

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AUM Field Survey Data Sheet

Site _____

Radiological Survey

GPS#	Description	Reading Surface	Reading 4 feet
14	Rad. survey S to N	80	70
15	"	120	110
16	"	140	120
17	"	120	110
18	"	100	90
19	"	30	27
20	Old car piece	24	20
21	Chain stake hole	24	20
22	Chain stake	11	10
23	Chain stake	—	—
24	"	—	—
25	pent shaft (pt gear)	—	—

AUM Field Survey Data Sheet

Site Mesa Top/Dog

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AUM Field Survey Data Sheet

Site _____

Radiological Survey

GPS#	Description	Reading Surface	Reading 4 feet
26	Rad survey W to E	19	17
27	"	17	15
28	"	26	24
29	"	30	28
30	"	130	110
31	"	70	50
32	"	26	22
33	"	20	20
34	"	24	20
35	headframe	—	—
36	decline	800	800
37	decline	600	300
38	concrete pad	260	240
39	adit	46	42

Mine I.D.: Mesatop / DOG

Plant Community Data

Date/Time: 01/24/08

Weather: Sunny, slight breeze

Observer: B. MERTZ

Current Plant Community:

Photo# Pinon-Juniper, open forest

30% Tree, 30% grasses, 20% forb, 10% shrub, 10% bare ground

Other Species Present:

Photo # Four wing Saltbrush (Atriplex canescens)

Blue gramma (B. gracilis)

Unknown grass (no inflorescence, culm) NOT B. gracilis

Brown Snakeweed (G. sarothrae)

Rabbit brush
Chrysothamnus spp.T&E Present: Y/N?

If yes, species?

NO

Photo #

Noxious Weeds: Y/N?

If yes, species?

NO

Photo #

Bare Spots? Y/N?

Number of spots/size

yes, normal bare spots - between vegetation

Photo #

Standing Dead? Y/N?

If yes, species?

NO

Photo #

Photo Point GPS Coord.

Photo #/Direction

Additional Notes:

Use back if necessary

AUM Field Survey Data Sheet

Site AUM-Dog 1008-3-13

Radiological Survey			
GPS#	Description	Reading Surface	Reading 4 feet
G0	Rad. survey ✓	22	20
G1	"	60	50
G2	"	70	80
G3	"	70	80
G4	" ✓	80	80
G5	" ✓	44	40
G6	"	1800	1000
G7	"	90	90
G8	"	130	110
G9	" -✓	38	32
G10	" ✓	28	22
G11	"	80	70
G12	"	140	120
G13	"	260	220
G14	" ✓	28	24

AUM Field Survey Data Sheet

Site Aum Dog 2008-3-13

Radiological Survey			
GPS#	Description	Reading Surface	Reading 4 feet
G15	Rod survey ✓	42	42
G16	"	280	260
G17	"	50	48
G18	"	200	180
G19	" ✓	180	170
G20	" ✓	180	170
G21	"	100	80
G22	"	240	220
G23	"	500	320
G24	" ✓	36	30
G25	" ✓	24	22
G26	"	90	90
G27	"	40	38
G28	"	44	42
G29	" ✓	22	20

H₂O: 30% base 20% forb.
 P 20% P & J 10% base
 20% grass